

ABSTRACT

DEVICE FOR MOUNTING AN OPTICAL ELEMENT, FOR EXAMPLE A
LENS ELEMENT IN A LENS

(Figure 1)

A device for mounting an optical element (1), for example for a lens element in a lens, especially in an exposure lens (2) in micro lithography, is provided with the following features:

the optical element (1) is provided in its edge zone with support points (8, 9, 10). Counterbearing points (11) are disposed opposite the support points (8, 9, 10) of the optical element (1) in an outer mounting (3). Bearing members (12) are disposed between the support points (8, 9, 10) and the counterbearing points (11). The bearing members (12) are provided with spherical surfaces directed toward the support points (8, 9, 10).